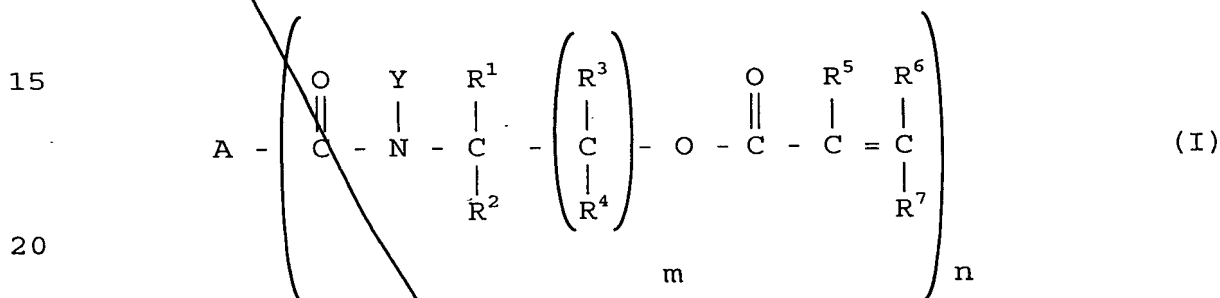


C L A I M S

1. A radiation curable powder paint binder composition containing a radiation curable compound being a  
5 mono or multi valent carboxylic ester of a  $\beta$ ,  $\gamma$ ,  $\delta$ , or  $\epsilon$ -hydroxyalkylamide group containing compound, in which the carboxylic ester is derived from an  $\alpha, \beta$ -ethylenically unsaturated carboxylic acid.

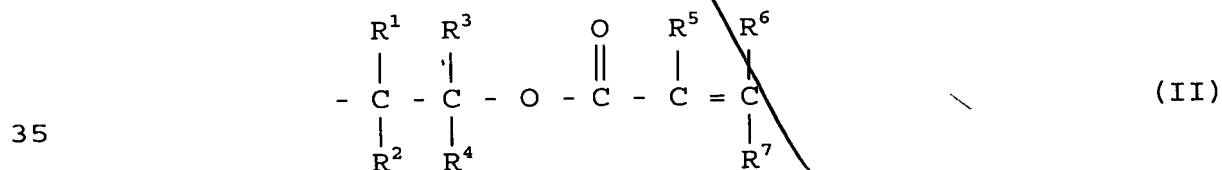
2. A composition according to Claim 1, <sup>wherein</sup> characterized in that the compound is a compound according to formula (I):



where:

25 A = hydrogen, or a monovalent or polyvalent organic group which is derived from a saturated or an unsaturated ( $\text{C}_1$ - $\text{C}_{60}$ ) alkyl group, derived from an ( $\text{C}_6$ - $\text{C}_{10}$ ) aryl group or, a polymer P.

30 Y = hydrogen, an ( $\text{C}_1$ - $\text{C}_8$ ) alkyl group or



$R^1, R^2, R^3, R^4$  are, identical or different, hydrogen or a linear, branched or cyclic ( $C_1-C_8$ ) alkyl chain,

5  $R^5$  = hydrogen, ( $C_1-C_5$ ) alkyl,  $-CH_2OH$  or  $CH_2COOX$ ,

$R^6, R^7$  = hydrogen, ( $C_1-C_8$ ) alkyl, ( $C_6-C_{10}$ ) aryl or  $COOX$ ,

$X$  = hydrogen or ( $C_1-C_8$ ) alkyl,

$n$  = 1-1000 and

10  $m$  = 1-4

3. Composition according to <sup>Claim 1, wherein</sup> ~~any one of Claims 1-2,~~  
~~characterized in that~~  $Y$  is hydrogen or methyl and  
 $R^1, R^2, R^3$  and  $R^4$  are hydrogen or methyl.

4. Composition according to <sup>Claim 1</sup> ~~any one of Claims, 1-3~~  
15 containing a polymer having an amount of  
polymerizable unsaturation ranging from 145 to 3000  
grams per mole of unsaturated group (WPU) and a  
~~compound being a~~ mono or multi valent carboxylic  
112 ester of a  $\beta, \gamma, \delta$  or  $\epsilon$ -hydroxyalkylamide group  
20 containing compound, in which the carboxylic ester  
is derived from an  $\alpha, \beta$ -ethylenically unsaturated  
carboxylic acid.

5. Composition according to <sup>Claim 1</sup> ~~any one of Claims 1-3,~~  
containing a ~~compound being a~~ mono or multi valent  
25 carboxylic ester of a  $\beta, \gamma, \delta$  or  $\epsilon$ -hydroxyalkylamide  
group containing compound, in which the carboxylic  
ester is derived from an  $\alpha, \beta$ -ethylenically  
unsaturated carboxylic acid and a crosslinker.

6. A powder paint composition comprising a binder  
30 112 composition according to <sup>Claim 1</sup> ~~any one of Claims 1-5.~~

7. A coating obtained by radiation curing of a  
composition according to <sup>Claim 1</sup> ~~any one of Claims 1-6.~~

8. Entirely or ~~partly~~ coated substrate wherein a coating according to Claim 7 is applied as the coating.

add  
C<sup>3</sup>

add  
D<sup>1</sup>

add  
G<sup>3</sup>